

TIM # 7 MEETING

AOC 65 Treatability Study
Camp Stanley Storage Activity
Boerne, TX

TIM # 7 Agenda

- Discuss status of TO 0058 SOW
- Discuss results from SVE testing at AOC-65 and DQOs for SVE O&M
- Discuss results from shallow groundwater at AOC-65 recharge study and Westbay packer testing under TO 0042
- Discuss other technical methods for evaluating recharge and obtaining more data on the dynamics of the Epikarst underlying AOC-65
- Review future restoration activities that should be considered at AOC-65 and its relation to other restoration activities at CSSA

Task 1 – Task Order Management

Remaining Activities

- 01010 – Management
Period of performance 14 more months
- 01020 – Status Reports
14 more monthly status reports
- 01030 – Karst Expert, 100% complete
- 01040 – Procurement, No new procurements;
*subcontractor mgmt, modifications, and
other procurement reporting remains*
- 01050 – Mod Proposals, 100% complete

Task 2 – Meetings and Site Visits

Remaining Activities

- 02010 – Misc. Meetings, 100% complete
- 02020 – TIM/Technical Interchange Meetings
4 TIMs remain (TIM #7, 8, 9, & 10)
TIM #7 scheduled July 30, 2003
- 02030 – Karst & Regulatory Support Meetings
One regulatory support mtg planned &
2 Karst support meetings available
- 02040 – Public Meetings & Fact Sheets
Public meeting held
Only one Fact Sheet remains.
Planned topic is cleanup at AOC-65.

Task 3 – Removal Actions

Remaining Activities

- 03010 – Cleanup Plan Prep, 100% complete
- 03020 – Engineering Bid Pkg, 100% complete
Needs to check into gutter spouts
- 03030 – Air Permitting Issues
Complete Air Std Exemption & Air Permit Mod work
- 03040 – Subslab Ventilation
Complete testing of subslab system
Prepare O&M section for subslab system
- 03050 – Removal Action, 100% complete
- 03060 – Interim Measure Report
Report will be finalized upon resolution of AFCEE comments
- 03070 – Subslab O&M Activities
*Conduct O&M in coordination with O&M of outside
SVE system at AOC-65.*

Task 4 – Treatability Study

Remaining Activities

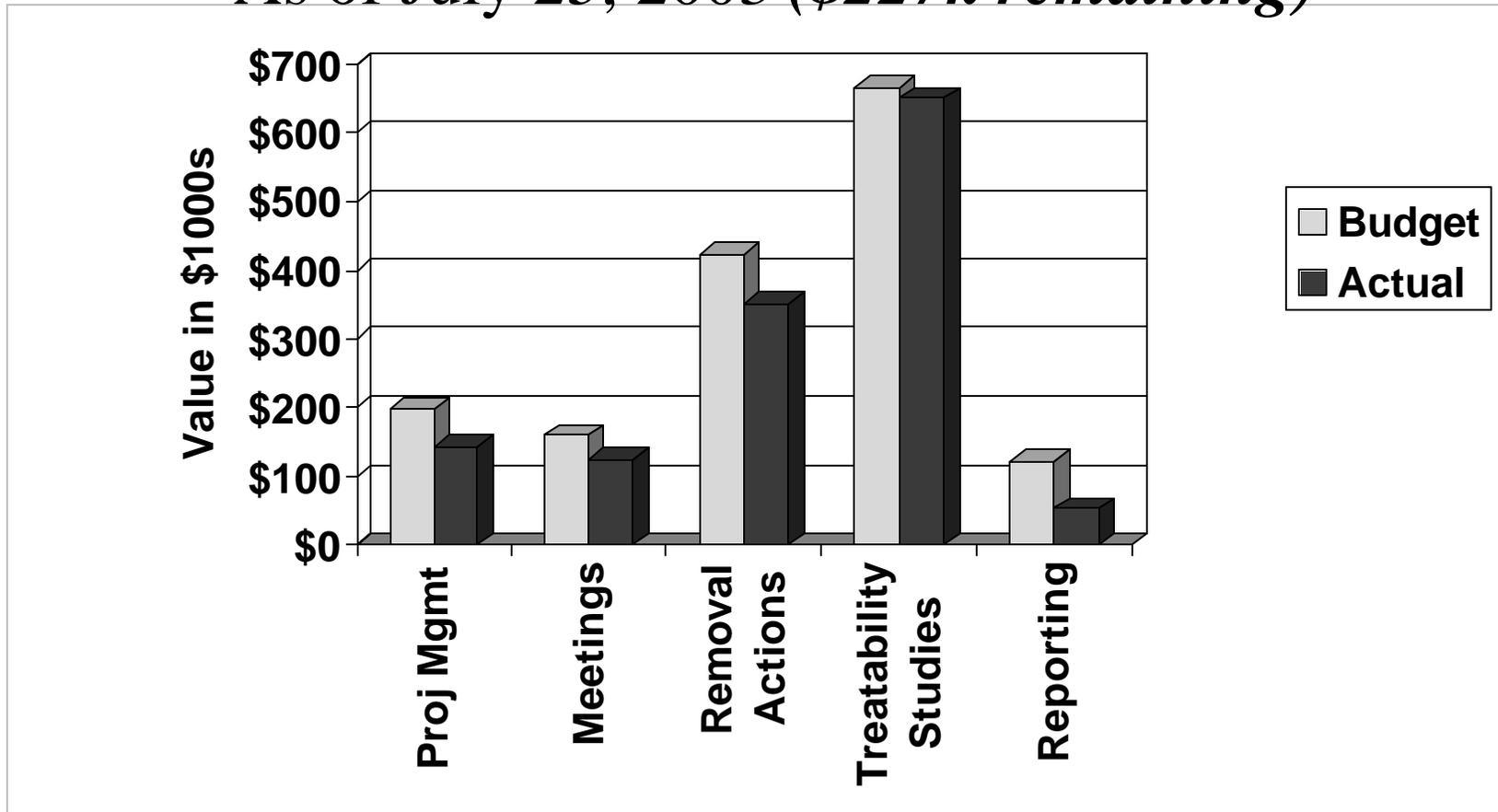
- 04010 – Surface Geophysical Testing, 100% complete
- 04020 – Treatability Test Plan, 100% complete
- 04030 – Groundwater Recharge Study,
Prepare SOPs for recharge study sampling (May 2003)
Conduct recharge study sampling/monitoring
- 04040 – SVE Study Activities
Continue SVE testing of AOC-65 SVE system
Completing testing cycles in early July, Began O&M
Need to resolve mgmt of knock-out pot water
- 04050 – Miscellaneous Studies
Placeholder for possible soil gas or groundwater tracer test.
- 04060 – SVE O&M Plan & Data Collection
Prepare O&M Plan based on SVE study (August 2003)
Conduct monthly O&M for six month period (Oct 03-Mar 04)
- 04070 – SVE O&M Semi-annual Reporting
At end of 6-month O&M, prepare O&M report (May 04)

Task 5 – Technology Evaluation & Reporting – Remaining Activities

- 05010 – Technology Evaluation
Pearson to prepare recap of SF DNAPL to present at TIM#7
- 05020 – Geophysical Test Report
Respond to CSSA comments upon receipt and finalize report.
- 05030 – Interim SVE Test Report
*Prepare Report upon conclusion of SVE tests
(tentatively scheduled for completion in October 2003)
Respond to comments upon receipt*
- 05040 – Technology Evaluation Report
*Prepare Report after completing 6 months of
O&M activities (June 2004)*

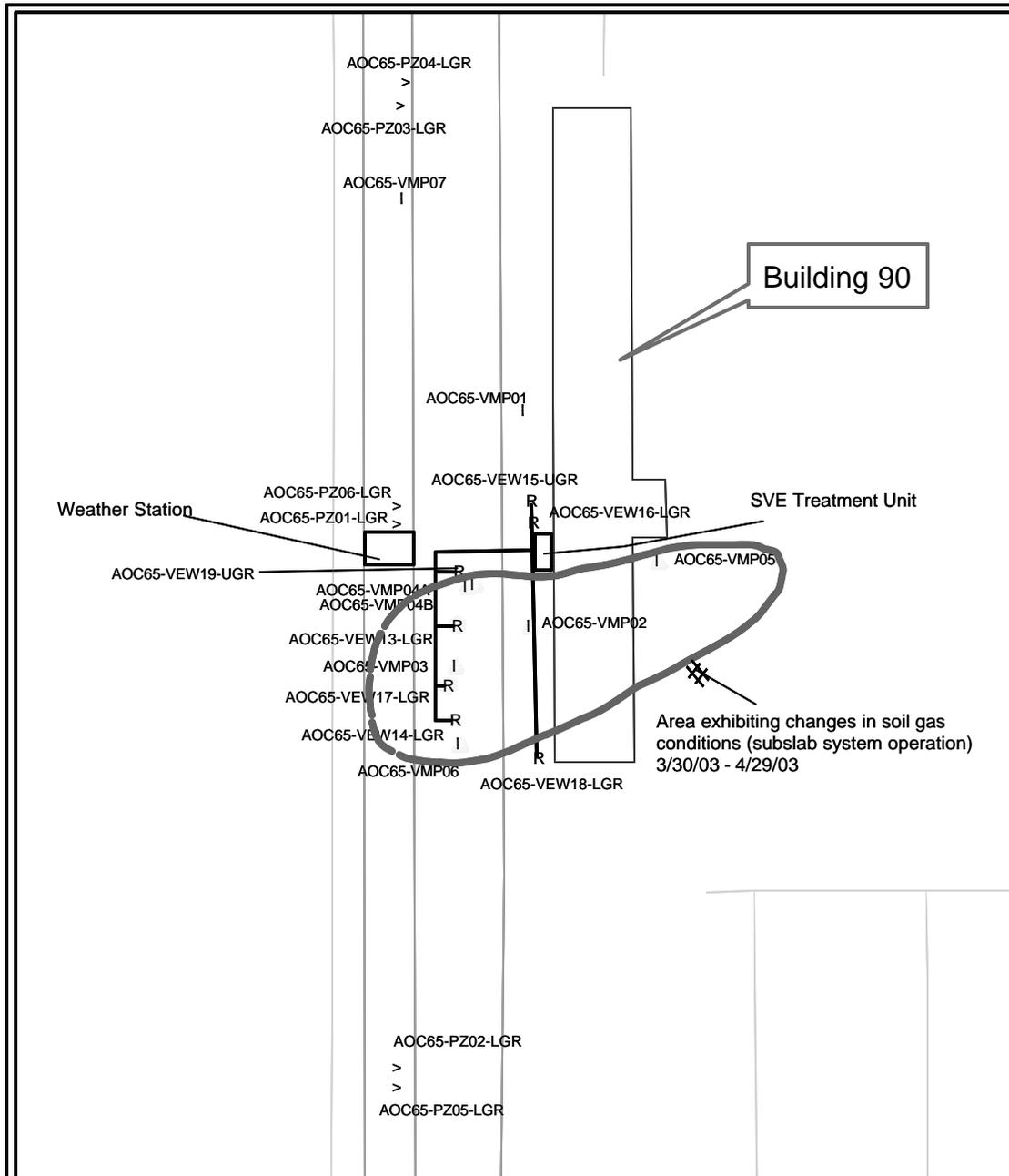
TO 0058 Budget Status by Task

As of July 25, 2003 (*\$227k remaining*)



SVE Testing Results

- Operation of Subslab System
 - Area most influenced in southern portion of site.
 - Depth most influenced : 35/40-43/48 feet bgs
 - No change observed at VEW-18, VEW-15, VMP-01, and VMP-07.



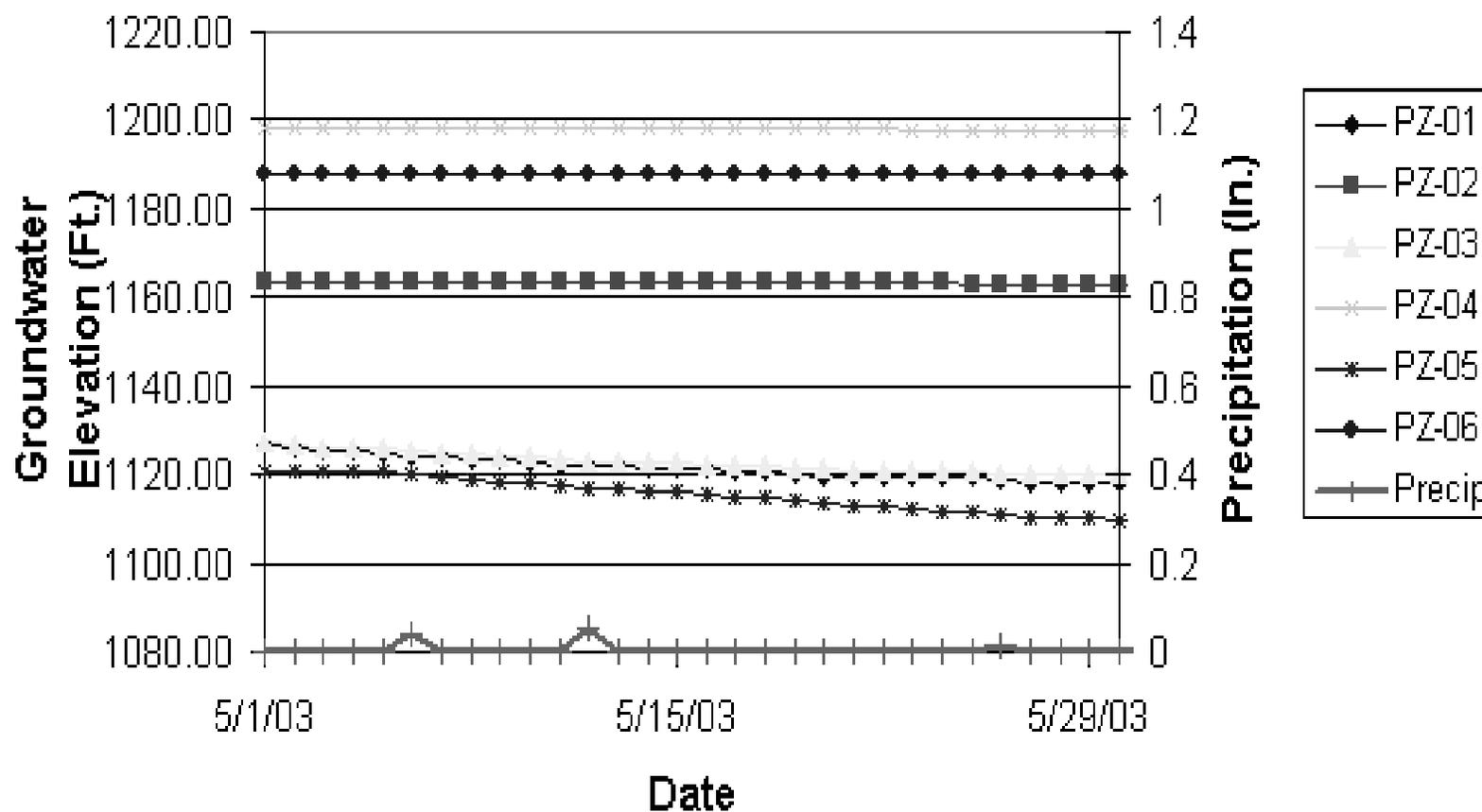
- > Peizometer Locations
- R VEW Locations
- I VMP Locations

Figure 1
AOC-65 Exterior SVE System
Location Map

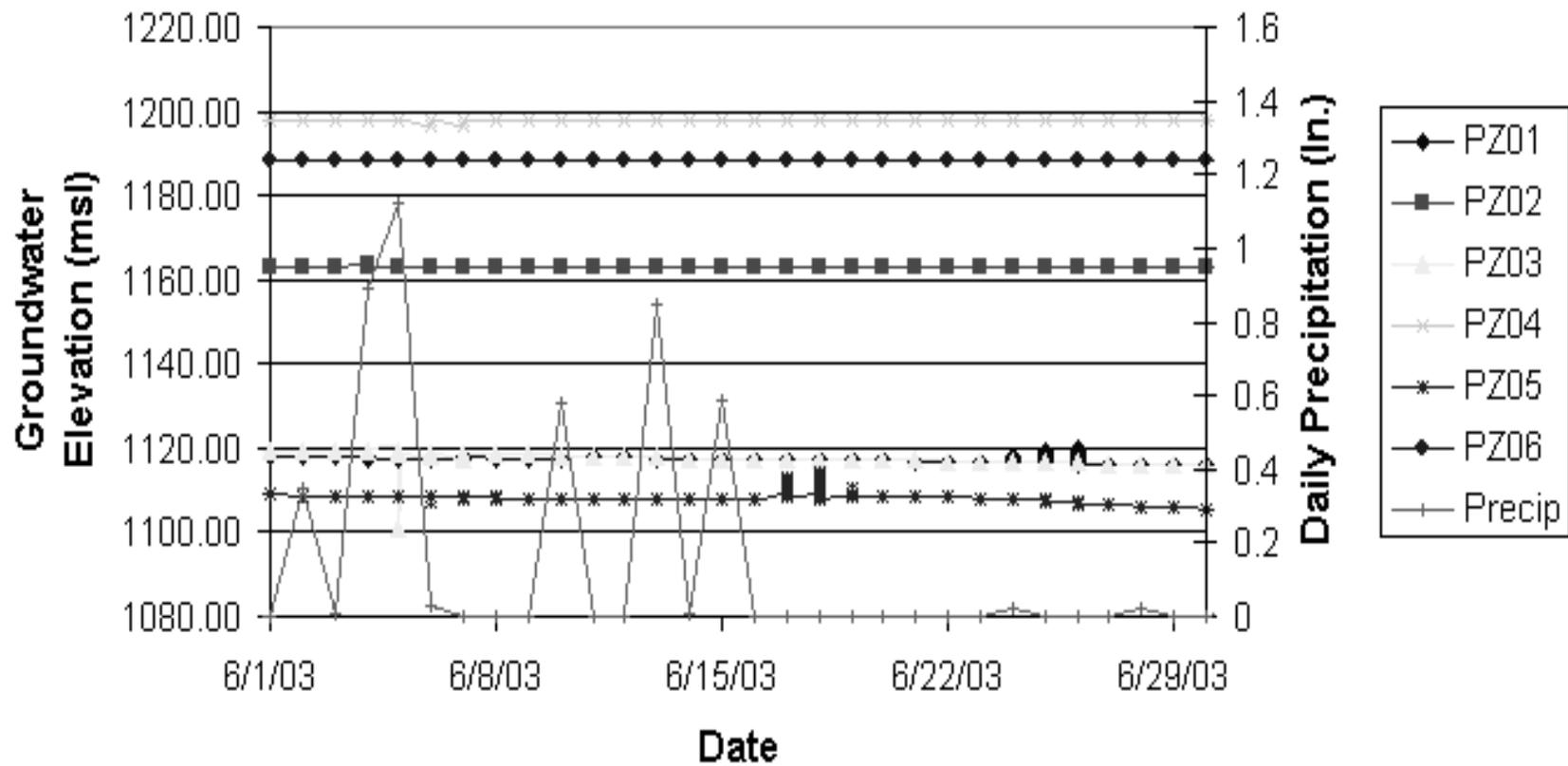
SVE Testing Results

- Operation of AOC65 System
 - Extraction from VEW-17 only.
 - Data not loaded yet, but
 - No change observed at VEW-18, VEW-15, VMP-01, and VMP-07.

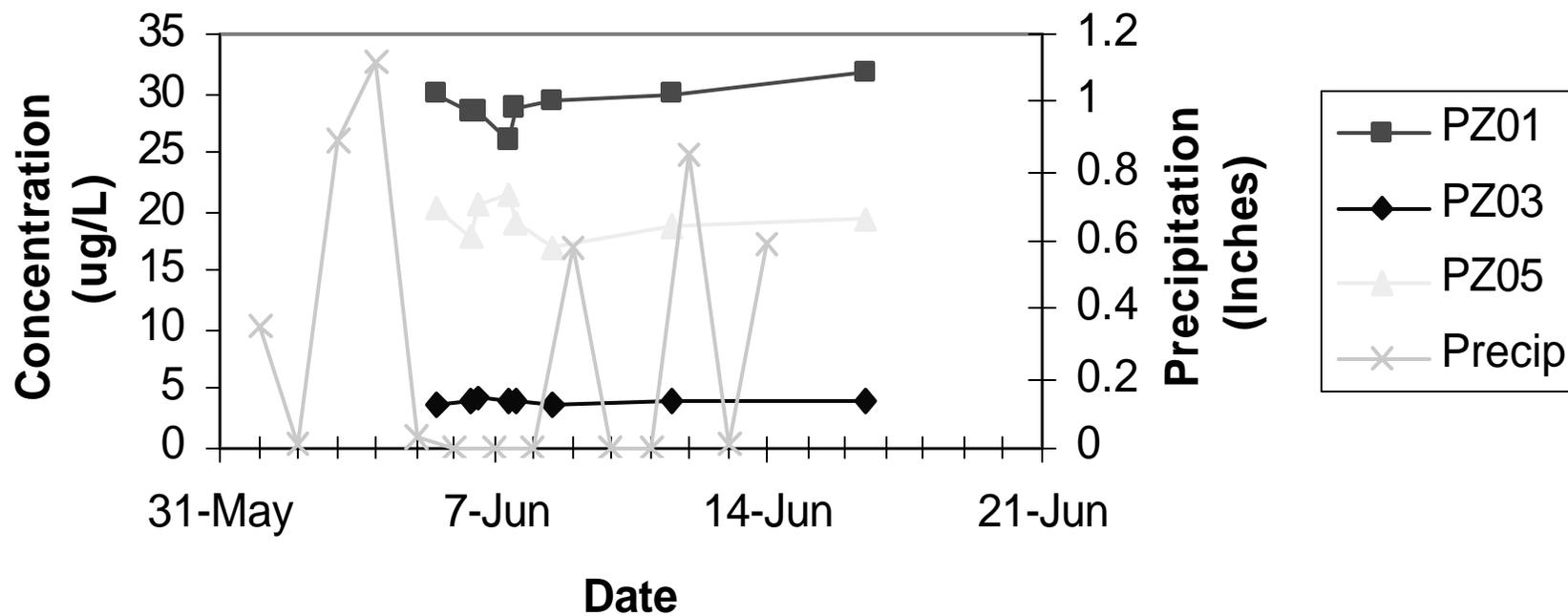
Groundwater Elevation and Daily Rainfall - May 2003 AOC-65 Recharge Study



Groundwater Elevation and Daily Rainfall - June 2003 AOC-65 Recharge Study



PCE Concentrations in AOC-65 Deep Piezometers, June 2003



TCE Concentrations in AOC-65 Deep Piezometers, June 2003

